

**PHASE 2  
TASK COMPLETION REPORT  
FOR 2008 CONSTRUCTION SEASON  
RICHARDSON FLAT TAILINGS SITE**

**EPA SITE ID: UT980952840**

**October 30, 2008**

**Prepared for:**

**United Park City Mines  
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## **1.0 INTRODUCTION**

This Task Completion Report (TCR) details the work completed for the Phase 2 2008 Construction Season at Richardson Flat, ID UT980952840, located approximately three miles northeast of Park City, Utah. Phase 2 remedial features are presented in Figure 1-1. The remedy selected by United States Environmental Protection Agency (EPA) at the Richardson Flat Tailings Site (Site) was split into Tasks to facilitate remedy completion and bond release procedures. Phase 2 activities encompass Tasks 2, 3, 4 and 9 as presented in the Remedial Design and Remedial Action Work Plan (RD/RA, RMC 2007a).

Construction procedures and methodologies documented in this report were described in the Phase 2 Field Construction Plan for 2008 Construction Season (Phase 2 FCP, RMC, 2007b) which was approved by EPA on September 29, 2008. A full description of Site background, investigative history, specifications, health and safety, design elements, project management and construction procedures are presented in the RD/RA. Sampling was conducted in accordance with the Field Sampling Plan (FSP, RMC 2007c). All work was conducted in accordance with the Richardson Flat Health and Safety Policy (HASP, RMC 2007d)

### **1.1 Work Performed**

Work performed in the Phase 2 2008 Construction included:

Task 2, Area B-2-E:

- 1) Source removal – approximately 54,500 cubic yards of contaminated material were removed;
- 2) Grading and confirmation sampling – approximately 6,500 cubic yards was moved in the grading operation; and

- 3) Wetland construction. (Figure 1-1).

Task 3, Area B-3-E:

- 1) Source removal – approximately 64,400 cubic yards of contaminated material were removed;
- 2) Cover placement – approximately 30,300 cubic yards of fill and cover were placed;
- 3) Grading and confirmation sampling; and
- 4) Wetland construction. (Figure 1-1).

Task 4, East Diversion Ditch

- 1) Source removal – source removal occurred in conjunction with removal efforts in B-3-E noted above;
- 2) Stream sediment removal – volumes of stream sediment removed are included in source removal volumes reported for B-3-E above;
- 3) Grading and confirmation sampling; and
- 4) Wetland construction. (Figure 1-1).

Task 9, Area F-8:

- 1) Cover placement – approximately 47,000 cubic yards of cover and topsoil were placed to a depth greater than 18 inches;
- 2) Grading and confirmation sampling; and
- 3) Wetland feature construction. (Figure 1-1).

### **1.1.1 Imported Soil Specifications**

As required in the RD/RA work plan, cover and topsoil placed in upland areas contained less than 500 parts per million (ppm) lead and 100 ppm arsenic and topsoil placed in wetland areas, including the South Diversion Ditch, contained less than 310 ppm lead. Imported soil sample results are presented in Section 4.0 and Table 3.0.

## **2.0 WORK PROCEDURES**

Work was conducted according to procedures presented in the Phase 2 Field Construction Plan for the 2008 Construction Season.

### **2.1 Source Removal**

Work activities in area B-2-E, B-3-E, and the South Diversion Ditch (Figure 1-1) consisted of :

- Source removal;
- Placement and grading of low permeability cover soil, where required;
- Placement of topsoil, where required;
- Channel reconstruction, where required;
- Wetland construction, where required; and
- Revegetation.

This work was conducted as specified in Section 6.0 of the RD/RA. The following work procedures were conducted:

- 1) Excavation and construction areas were cleared and grubbed prior to the placement of materials. Clearing and grubbing included the removal of organic matter such as plants, trees and woody material, as well as any other material from the Site. Large non-organic materials such as boulders that interfered with grading were removed as required.
- 2) Appropriate dust control was conducted during all excavation, soil placement, transport and grading activities.
- 3) Air monitoring was undertaken during earthmoving activities, in accordance with procedures outlined in Section 11.1.1 of the RD/RA and Section 4.4.5 of the FSP. Air monitoring results are presented in Table 5.

- 4) Visible tailings materials were excavated from low-lying areas subject to seasonal ponding or interaction with shallow groundwater. Excavation extended to the visual interface between the tailings and native soils. Tailings excavation was guided using a field portable X-ray Fluorescence Meter (XRF). Excavation and transport was staged to avoid the re-contamination of clean areas.
- 5) Where mine waste was transported to and placed in the Impoundment, the material was graded to conform to general site topography prior to the placement of cover soils.
- 6) Surfaces and subgrades were graded to approximate final configurations and contours prior to cover and topsoil placement, if required. Subgrades and final graded surfaces were confirmed by conventional survey techniques where applicable.
- 7) Imported soils were screened with the XRF. A five sub-sample composite was collected for every 5,000 cyds and screened with the XRF. Greater than five-percent of the composite samples were submitted to the laboratory to confirm XRF results. All imported soil met the specifications in Section 1.1.1. Sampling protocol and analytical methodologies are described in the Field Sampling Plan (FSP, RMC, 2007b). Imported soil XRF sample results are presented in Table 3. Lab-XRF QA/QC results are presented in Table 4.
- 8) Cover soils selected for use at the Site were low permeability, high clay content soils typical of those found in the region. Large rock material was avoided. Clay rich soils located on-site were used as cover material using the same criteria outlined in Section 6.1 of the RD/RA for quality control.
- 9) Cover soils placed at the Site were compacted with tracked or equivalent equipment. Compaction methods also included rolling and/or vibrating, as necessary. Cover soils

were inspected and approved by United Park or its representatives prior to topsoil placement.

- 10) The final cover subgrade surface was uniform to allow for the placement of a consistent topsoil layer.

Note: Items 11 through 13 are referred to as General Topsoil Procedures.

- 11) Final surfaces, grades and erosion control structures were approved by United Park or its representative.

- 12) Topsoil was screened to remove particles greater than six inches and was suitable to support vegetation. Topsoil was placed to a minimum depth of six inches and contained sufficient organic matter and nutrients to promote revegetation.

- 13) The seedbed consisted of topsoil placed during remedial activities. Topsoil was lightly compacted and scarified. The seedbed was roughened prior to seeding.

- 14) Wetland construction consisted of additional grading and the construction of habitat features. Areas were excavated into the shallow water table to provide additional aquatic habitat. Wetland construction is discussed further in Section 2.3. Wetland construction in areas B-2-E, B-3-E and the South Diversion Ditch (Figure 1-1) was conducted to provide additional wetland habitat and to provide compensation for potential Natural Resource Damages.

- 15) Revegetative seeding and related activities were completed on all remediated areas (upland and wetland).

- 16) The upland seed mix included a mixture of deep-rooted annual and perennial native grass and forb species. The annual species provide rapid germination to aid in short term revegetation. The short-term revegetation will decrease the runoff potential of

the slope and will keep the imported soil in place. Perennial species will provide longer term, more stable revegetation. Wetland areas were revegetated with wetland specific species. Appendix C of the RD/RA contains the seed specifications for the Site.

17) Completion confirmation sampling is detailed in Section 4.0.

## **2.2 Cover placement in Area F-8**

Work activities in area F-8 (Figure 1-1) consisted of

- Cover placement;
- Grading;
- Topsoil placement;
- Confirmation sampling;
- Wetland feature construction; and
- Revegetation.

This work was conducted as specified in Section 6.0 of the RD/RA. The following work procedures were conducted:

- 1) Dust control measures were implemented during all excavation, soil placement, transport and grading activities. Dust control measures consisted primarily of wetting work surfaces and haul roads.
- 2) Surfaces and subgrades were graded to approximate final configurations and contours prior to cover and topsoil placement. Subgrades and final graded surfaces were confirmed by conventional survey techniques where applicable.
- 3) Imported soils were screened with the X-ray Fluorescence meter (XRF). In addition, five sub-sample composite samples were collected for every 5,000 cyds and sampled with the XRF. Five percent of XRF-sampled imported soil samples were submitted

to the laboratory for QA/QC lead and arsenic analysis. All imported soil met the specifications in Section 1.1.1. Sampling was conducted in accordance with protocols and analytical methodologies as described in the FSP. Sample results are presented in Section 4.0. Imported soil XRF sample results are presented in Table 3. Lab-XRF QA/QC results are presented in Table 4.

- 4) Cover soils selected for use at the Site were low permeability, high clay content soils typical of those found in the region. Large rock material was removed prior to placement. Clay rich soils from an on-Site stockpile were used as cover material using the same criteria outlined in Section 6.1 of the RD/RA and Section 2.2 of the Phase 2 FCP for quality control.
- 5) Cover soils placed at the Site were compacted with tracked or equivalent equipment. Compaction methods also included rolling and/or vibrating, as necessary. Cover soils were inspected and approved by United Park or its representatives prior to topsoil placement.
- 6) The final cover subgrade was graded to allow for the placement of a consistent topsoil layer.
- 7) Final surfaces, grades and erosion control structures were approved by United Park or its representative.
- 8) Completion confirmation sampling is detailed in Section 4.0.
- 9) Topsoil was screened to remove particles greater than six inches and was suitable to support vegetation. Topsoil was placed to a minimum depth of six inches and contained sufficient organic matter and nutrients to promote revegetation.
- 10) The seedbed consisted of topsoil placed during remedial activities. Topsoil was lightly compacted and scarified. The seedbed was roughened prior to seeding.

- 11) Wetland construction consisted of additional grading and the construction of habitat features. Wetland construction is discussed further in Section 2.3. Wetland construction in area F-8 (Figure 1-1) was conducted to provide additional wetland habitat and to provide Natural Resource Damage offsets if any.
- 12) Revegetative seeding and related activities were completed on all remediated areas (upland and wetland).
- 13) The upland seed mix included a mixture of deep-rooted annual and perennial native grass and forb species. The annual species provide rapid germination to aid in short term revegetation. The short-term revegetation will decrease the runoff potential of the slope and will keep the imported soil in place. Perennial species will provide longer term, more stable revegetation. Wetland areas were revegetated with wetland specific species. Appendix C of the RD/RA contains the seed specifications for the Site.

### **2.3 Wetland Construction**

Wetland construction in areas B-2-E, B-3-E, F-8 and the South Diversion Ditch (Figure 1-1) was conducted to provide additional wetland habitat and to provide compensation to any potential Natural Resource Damages. Constructed wetland features included:

- Habitat islands;
- Excavation and grading to provide open water habitat;
- Transitional shoreline areas;
- Flow direction structures including dikes and swales;
- Topsoil placement; and
- Revegetation with wetland specific seed mix and plant species.

All wetland construction procedures were conducted in accordance with the procedures described in Section 2.1. All materials used in wetland construction meet the specifications described in Section 1.1.1 and Section 6.0 of the RD/RA .

### **3.0 STORMWATER MANAGEMENT**

Stormwater management was undertaken to:

- Reduce the potential for off-Site migration of sediments, soil and tailings; and
- Eliminate the re-contamination of areas that have been covered or have undergone source removal.

General stormwater management elements included:

- Berms, wattle and/or silt fencing was placed as required to prevent the migration of materials from work areas;
- Sediment barriers and berms were placed in the South Diversion Ditch to capture sediment and prevent downstream migration.
- Hay or straw bale barriers were placed in appropriate ephemeral channel features that drain from work areas. The hay bales were placed downgradient from the silt fence or wattle barriers;
- A supply of hay or straw bales and wattle material was stored on-site during construction; and
- Stormwater runoff protection measures will remain in-place until revegetation efforts are complete.

General procedures to reduce the tracking of contaminated materials into uncontaminated areas included:

- All trucks and equipment working in contaminated materials (e.g. tailings and sediments) were decontaminated prior to working with clean materials.  
Decontamination procedures are described in Section 11.8 of the RD/RA;

- A stabilized construction entrance was used to remove gross contamination from trucks hauling tailings;
- All trucks and equipment were decontaminated prior to leaving the Site; and
- Dust control measures were implemented as necessary as described in Section 11.1.1 of the RD/RA.

Specific stormwater runoff protection elements implemented prior to and during construction included:

- The general drainage pattern in area B-2-E forms a closed basin. The inward sloping terrain created a suitable gradient to ensure that all stormwater was captured in the work area prior to discharge. The area contains one drainage point, a culvert located beneath the elevated county road that is at a greater elevation than the adjacent work area. Sediment trapping structures included a sediment basin upgradient from the culvert. The elevated height of the culvert combined with the sediment basin provided an effective barrier to sediment discharge.
- The general drainage pattern in area B-3-E forms a closed basin. The inward sloping terrain created a suitable gradient to ensure that all stormwater was captured in the work area prior to discharge. The area contains one drainage point, a culvert located beneath the elevated historical railroad grade that is at a greater elevation than the adjacent work area. The elevated height of the culvert provided an effective barrier to sediment discharge.
- Work areas in the SDD were isolated with a series of berms constructed from clean soil. Surface water was pumped from each area prior to and during excavation.
- Area F-8 is located in the geometrically closed tailings impoundment. The closed nature of the impoundment prevented the runoff of stormwater and sediment to other areas.

## **4.0 COMPLETION CONFIRMATION**

Completion of work is based upon confirmation that the following Phase 2 2008 Construction Season Completion Milestones are complete:

- 1) Source removal is complete in Areas B-2-E, B-3-E and the east portion of the South Diversion Ditch;
- 2) Cover placement is complete in Area F-8;
- 3) Cover placement is complete on the rail grade portion of B-3-E;
- 4) Reclamation (surface grading and drainage control) is complete;
- 5) Wetland construction is complete; and
- 6) Confirmation samples verify source removal and cover installation meets specifications.

### **4.1 Areas B-2-E, B-3-E and South Diversion Ditch**

Source removal in these areas was confirmed using the following methodology:

- Confirmation sampling for lead and arsenic in upland areas.
- Confirmation sampling for lead in wetland areas.

Cover placement on the rail grade located in Area B-3-E was confirmed using the following methodology:

- Cover thickness confirmation sampling for lead and arsenic concentrations up to a depth of eighteen inches.

Confirmation data was collected on a grid located on 200-foot centers. The South Diversion Ditch was sampled on 100-foot centers. Sample locations are presented on Figure 4-1. Source removal confirmation results are presented in Table 1. Cover depth confirmation sample results are presented in Table 2.

## **4.2 Area F-8**

Cover placement in Area F-8 was confirmed using the following methodology:

- Cover thickness confirmation sampling for lead concentrations up to a depth of eighteen inches.

## **4.3 Source Removal Confirmation**

Source removal confirmation requirements are set forth in Sections 1.1 and 3.0 of the Field Sampling Plan (FSP, RMC, 2007c). Source removal confirmation samples were collected at forty-six locations. Samples were analyzed with the XRF. Five percent of XRF-sampled confirmation samples were submitted to the laboratory for QA/QC analysis. Source removal confirmation results are presented in Table 1. QA/QC sample results are presented in Table 4. The sampling results meet applicable standards and requirements for source removal.

### **4.3.1 Area B-2-E**

As provided in the RD/RA, (RMC 2007a ), lead concentrations for source removal in Area B-2-E were set at 500 parts per million (ppm) for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in Area B-2-E were 118.8 ppm. Lead concentrations ranged from 56 to 254 ppm, arsenic concentrations ranged from BDL to 63 ppm. Source removal sample results from this area are presented on Table 1. Source removal sample locations are presented on Figure 4-1.

### **4.3.2 Area B-3-E**

As provided in the RD/RA, (RMC 2007a ), lead concentrations for source removal in Area B-3-E were set at 500 ppm for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in Area B-3-E were 93.0

ppm. Lead concentrations ranged from 39 to 119 ppm. Source removal sample results from this area are presented on Table 1. Cover depth confirmation samples are presented in Table 2. Sample locations are presented on Figure 4-1.

#### **4.3.3 SDD**

As provided in the RD/RA, (RMC 2007a), lead concentrations for source removal in the South Diversion Ditch (SDD) were set at were set at 500 ppm for soils and 310 ppm for sediments. Average lead concentrations for all source removal confirmation samples in the SDD were 129.1 ppm. Lead concentrations ranged from 31 to 278 ppm. Source removal sample results for this area are presented on Table 1. Source removal sample locations are presented on Figure 4-1.

#### **4.4 Cover Thickness Confirmation**

As provided in the RD/RA, (RMC 2007a), minimum depths for cover materials were to be confirmed by methods described in the FSP (RMC, 2007c). In accordance with these verification standards, the thickness of clean cover was measured at seven locations in B-3-E and twenty locations in F-8. Cover sample depths and XRF results are presented are presented in Table 2. The results indicate that cover placement is complete and all areas measured contain at least eighteen inches of cover as specified in the RD/RA and Phase 2 FCP.

#### **4.5 Imported Soil Sampling**

As provided in the RD/RA, (RMC 2007a), imported soils were to be screened by using the procedures described in the FSP (RMC, 2007c). In accordance with these standards, imported soil sources were screened with the XRF; in addition, five sub-sample composite samples were collected for every 5,000 cyds of imported soil. Sixteen imported soil samples were sampled with the XRF and five imported soil samples were submitted to the laboratory for lead and arsenic analysis. Imported soil sample results are

presented in Table 3. All cover and topsoil used in upland areas contained less than 500 ppm lead and 100 ppm arsenic. All cover and topsoil used in wetland areas contained less than 310 ppm lead. Sampling was conducted in accordance with protocols and analytical methodologies as described in the FCP and FSP.

#### **4.6 QA/QC Sampling**

In accordance with the QA/QC Plan presented in the FSP (RMC, 2007c), four of forty-six source removal confirmation samples were submitted to American West Analytical Laboratories for XRF-Lab confirmation. Duplicate laboratory samples were also submitted. This exceeds the five-percent QA/QC criteria specified in the FSP. The laboratory samples contained 8.7-160 ppm lead. Relative percent differences for XRF and laboratory results ranged from 24.3% to 112.3% for lead. The high RPD values are related to the low metals concentrations in the soil samples analyzed, a small difference in low concentrations will lead to a high RPD. QA/QC sample results are presented in Table 4.

Four duplicate soil samples were submitted to American West Analytical Laboratories for QA/QC. Analytical laboratory lead concentrations ranged from 6.3 to 160 ppm. Relative percent differences for duplicate samples ranged from 7.4% to 107.7%. The high RPD values are related to the low metals concentrations in the soil samples analyzed, a small difference in low concentrations will lead to a high RPD. QA/QC sample results are presented in Table 4.

#### **4.7 Air Monitoring**

In accordance with Section 4.4.5 of the FSP (RMC, 2007c), six air samples were collected from site workers. Lead concentrations ranged from 0.146 ug/m<sup>3</sup> to 5.455 ug/m<sup>3</sup> with an average concentration of 1.1 ug/m<sup>3</sup>. These levels are significantly below the OSHA Action Level and PEL for lead of 30 ug/m<sup>3</sup> and 50 ug/m<sup>3</sup>, respectively. Six offsite ambient air samples were also collected upwind and downwind of the Site, in

accordance with Section 4.4.5 of the FSP (RMC, 2007c). Lead concentrations ranged from <0.074 ug/m<sup>3</sup> to 1.7 ug/m<sup>3</sup> with an average concentration of 0.4 ug/m<sup>3</sup>. These levels are significantly below the National Ambient Air Quality Standard for lead of 2.5 ug/m<sup>3</sup>.

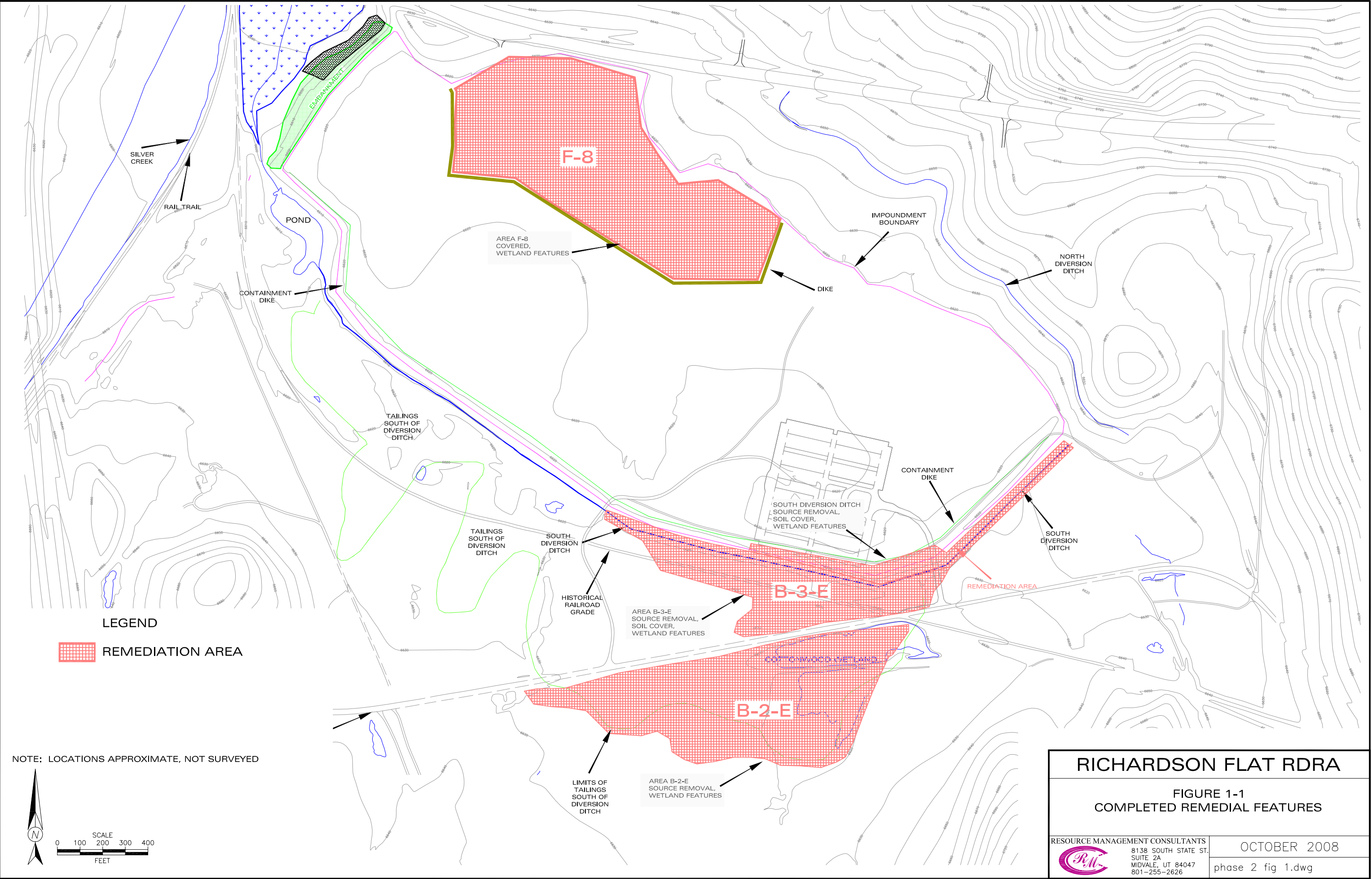
## **5.0 REFERENCES**

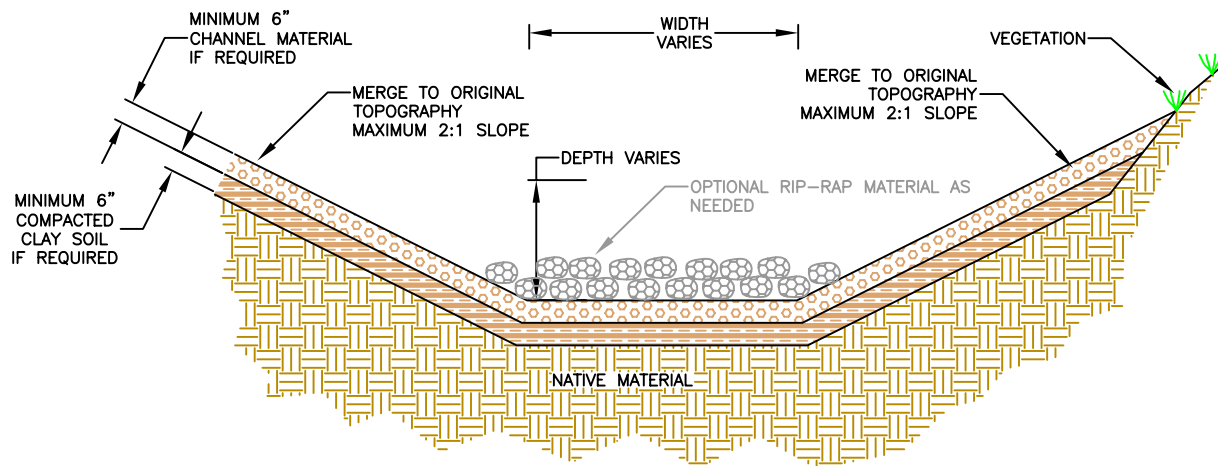
Resource Management Consultants, Inc (RMC), 2007a, Remedial Design/Remedial Action Plan (RD/RA), Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

Resource Management Consultants, Inc (RMC), 2007b, Phase 2 Field Construction Plan for 2008 Construction Season, Richardson Flat, Site ID Number: UT980952840.

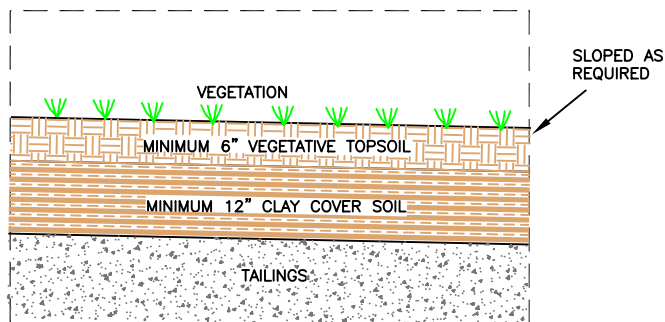
Resource Management Consultants, Inc (RMC), 2007c, Field Sampling Plan, Remedial Investigation, Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

Resource Management Consultants, Inc (RMC), 2007c, Health and Safety Policy, Remedial Investigation, Richardson Flat, Site ID Number: UT980952840, With Attached Work Plan.

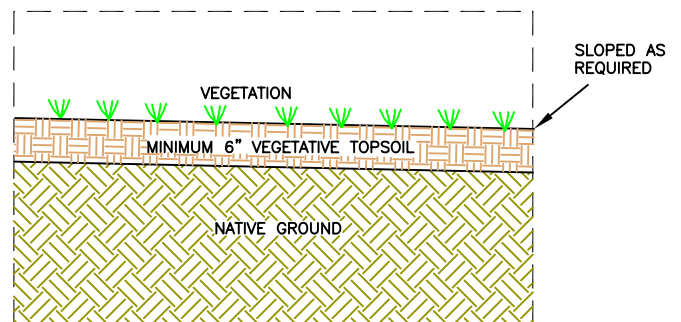




CHANNEL CONSTRUCTION TYPICAL DETAILS



COVER SOIL  
TYPICAL DETAILS



TOPSOIL  
TYPICAL DETAILS

NOT TO SCALE

## RICHARDSON FLAT RDRA

FIGURE 2-1  
CHANNEL AND SOIL COVER TYPICALS

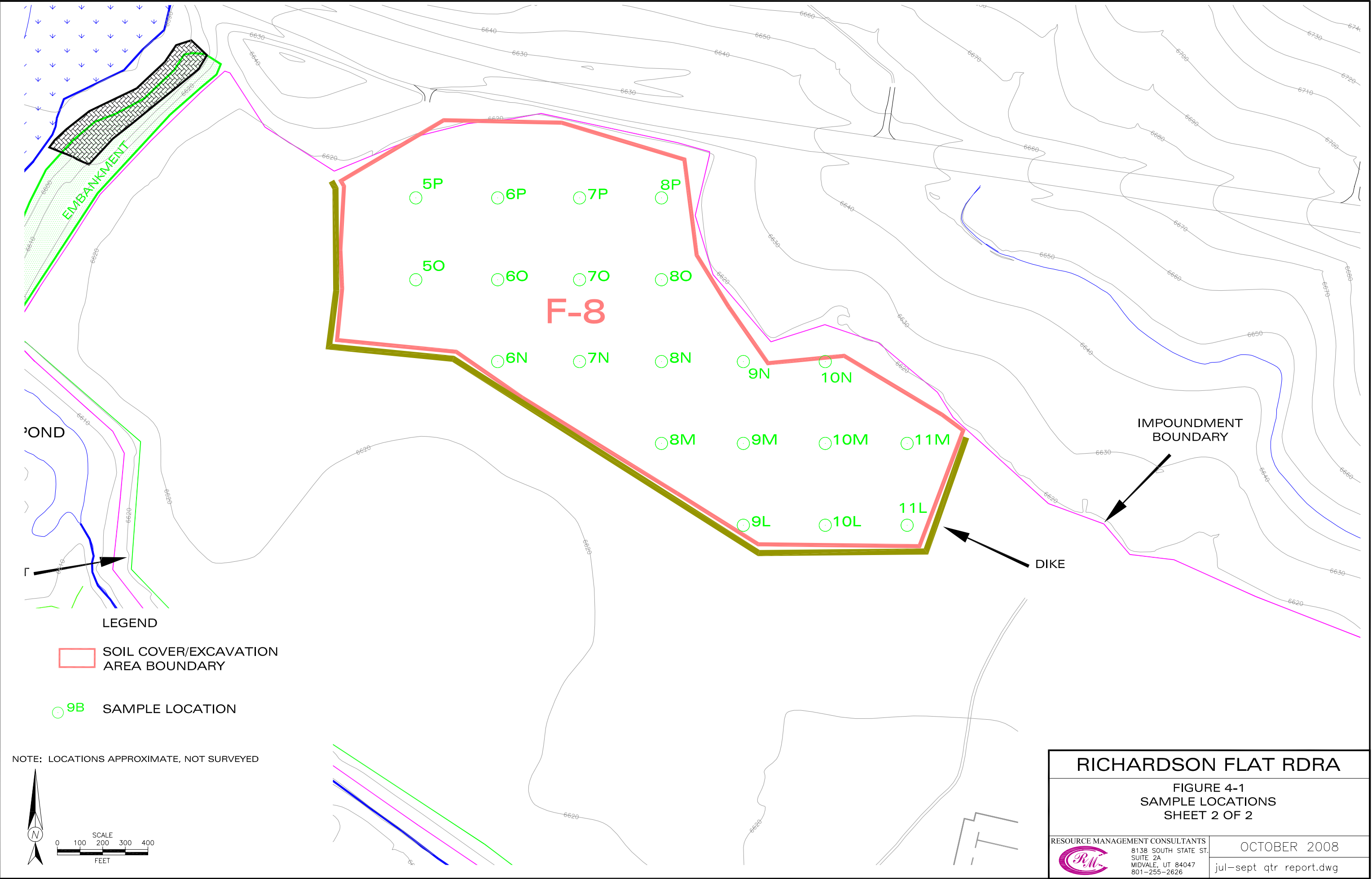
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OCTOBER 2008

phase 2 tcr fig 2-1.dwg





# Richardson Flat

Table 1 - Source Removal Confirmation Sample Results

All Results ppm

## B-2-E

Date	Sample ID	Pb	Method
8-Sep-08	SL-8A	168	XRF
8-Sep-08	SL-9A	72	XRF
8-Sep-08	SL-10A	60	XRF
8-Sep-08	SL-11A	95	XRF
8-Sep-08	SL-12A	71	XRF
8-Sep-08	SL-6B	254	XRF
8-Sep-08	SL-7B	66	XRF
8-Sep-08	SL-8B	99	XRF
8-Sep-08	SL-9B	178	XRF
8-Sep-08	SL-10B	207	XRF
8-Sep-08	SL-11B	56	XRF
8-Sep-08	SL-12B	105	XRF
8-Sep-08	SL-13B	63	XRF
8-Sep-08	SL-10C	194	XRF
8-Sep-08	SL-11C	126	XRF
8-Sep-08	SL-12C	152	XRF
8-Sep-08	SL-13C	61	XRF
8-Sep-08	SL-14C	112	XRF

Range:	56-254
Mean:	118.8

## B-3-E

Date	Sample ID	Pb	Method
8-Sep-08	SL-11D	107	XRF
8-Sep-08	SL-12D	39	XRF
8-Sep-08	SL-13D	119	XRF
30-Sep-08	SL-13E	107	XRF

Range:	39-119
Mean:	93.0

## SDD

Date	Sample ID	Pb	Method
23-Sep-08	SDD-1	61	XRF
23-Sep-08	SDD-2	256	XRF
23-Sep-08	SDD-3	225	XRF
23-Sep-08	SDD-4	278	XRF
23-Sep-08	SDD-5	211	XRF
23-Sep-08	SDD-6	159	XRF
23-Sep-08	SDD-7	93	XRF
23-Sep-08	SDD-8	165	XRF
23-Sep-08	SDD-9	68	XRF
25-Sep-08	SDD-10	182	XRF
25-Sep-08	SDD-11	61	XRF
26-Sep-08	SDD-12	76	XRF
26-Sep-08	SDD-13	210	XRF
1-Oct-08	SDD-14	82	XRF
1-Oct-08	SDD-15	94	XRF
1-Oct-08	SDD-16	113	XRF
2-Oct-08	SDD-17	97	XRF
2-Oct-08	SDD-18	85	XRF
3-Oct-08	SDD-19	73	XRF
3-Oct-08	SDD-20	191	XRF
7-Oct-08	SDD-21	57	XRF
7-Oct-08	SDD-22	36	XRF
7-Oct-08	SDD-23	194	XRF
7-Oct-08	SDD-24	31	XRF

Range:	31-278
Mean:	129.1

All units Parts Per Milliom (PPM)

Richardson Flat

Table 2 - Cover Depth Confirmation Sample Results

F8

Date	Sample ID	Sample Depth	Pb	As	Method
15-Nov-07	5P	6"	56	BDL	XRF
		12"	75	BDL	XRF
		18"	56	BDL	XRF
9-Oct-08	5O	6"	81	BDL	XRF
		12"	82	BDL	XRF
		18"	69	BDL	XRF
15-Nov-07	6P	6"	42	BDL	XRF
		12"	70	BDL	XRF
		18"	62	BDL	XRF
9-Oct-08	6O	6"	71	BDL	XRF
		12"	76	BDL	XRF
		18"	89	BDL	XRF
9-Oct-08	6N	6"	86	BDL	XRF
		12"	60	BDL	XRF
		18"	59	BDL	XRF
15-Nov-07	7P	6"	150	BDL	XRF
		12"	64	BDL	XRF
		18"	71	BDL	XRF
15-Nov-07	7O	6"	70	BDL	XRF
		12"	92	BDL	XRF
		18"	80	BDL	XRF
9-Oct-08	7N	6"	58	BDL	XRF
		12"	76	BDL	XRF
		18"	88	BDL	XRF
9-Oct-08	8P	6"	90	BDL	XRF
		12"	68	BDL	XRF
		18"	74	BDL	XRF
9-Oct-08	8O	6"	69	BDL	XRF
		12"	52	BDL	XRF
		18"	184	BDL	XRF
9-Oct-08	8N	6"	60	BDL	XRF
		12"	51	BDL	XRF
		18"	66	BDL	XRF
9-Oct-08	8M	6"	103	BDL	XRF
		12"	93	BDL	XRF
		18"	78	BDL	XRF
9-Oct-08	9N	6"	98	BDL	XRF
		12"	54	BDL	XRF
		18"	81	BDL	XRF
9-Oct-08	9M	6"	62	BDL	XRF
		12"	81	BDL	XRF
		18"	69	BDL	XRF
9-Oct-08	9L	6"	68	BDL	XRF
		12"	42	BDL	XRF
		18"	54	BDL	XRF
9-Oct-08	10N	6"	54	BDL	XRF
		12"	63	BDL	XRF
		18"	76	BDL	XRF
9-Oct-08	10M	6"	86	BDL	XRF
		12"	79	BDL	XRF
		18"	87	BDL	XRF
9-Oct-08	10L	6"	58	BDL	XRF
		12"	70	BDL	XRF
		18"	55	BDL	XRF
9-Oct-08	11M	6"	78	BDL	XRF
		12"	102	BDL	XRF
		18"	78	BDL	XRF
9-Oct-08	11L	6"	60	BDL	XRF
		12"	60	BDL	XRF
		18"	68	BDL	XRF
	Range:	42-184			
	Mean:	74.2			

B-3-E

Date	Sample ID	Sample Depth	Pb	As	Method
19-Sep-08	14D-2	6"	145	BDL	XRF
		12"	60	BDL	XRF
		18"	67	BDL	XRF
19-Sep-08	13D-2	6"	116	BDL	XRF
		12"	141	BDL	XRF
		18"	100	BDL	XRF
19-Sep-08	14D	6"	84	BDL	XRF
		12"	112	BDL	XRF
		18"	130	BDL	XRF
23-Sep-08	9E	6"	156	BDL	XRF
		12"	87	BDL	XRF
		18"	256	BDL	XRF
29-Sep-08	10E	6"	98	BDL	XRF
		12"	80	BDL	XRF
		18"	132	BDL	XRF
29-Sep-08	11E	6"	183	BDL	XRF
		12"	98	BDL	XRF
		18"	87	BDL	XRF
30-Sep-08	14E	6"	234	BDL	XRF
		12"	349	BDL	XRF
		18"	115	BDL	XRF
	Range:	60-349			
	Mean:	134.8			

All units Part Per Million (PPM)  
BDL - Below instrument detection limit

## Richardson Flat

Table 3 - Imported Soil Confirmation Sample Results

All Results ppm

### Laboratory

Date	Sample ID	Pb	As
8-Jul-08	CV-RFT-Topsoil Promontory	13	<5.3
8-Jul-08	CV-RFT-West Hospital	16	<5.6
8-Jul-08	CV-RFT-East Hospital	7.5	<5.4
14-Aug-08	CV-RFT-West Cover Import	21	7.3
14-Aug-08	CV-RFT-East Cover Import	9.3	<5.5
Range:		7.5-21	
Mean:		13.4	

### XRF

Date	Sample ID	Pb	As
9-Jul-08	1	136	BDL
9-Jul-08	2	131	BDL
9-Jul-08	3	173	BDL
27-Aug-08	1	BDL	BDL
27-Aug-08	2	BDL	BDL
27-Aug-08	3	BDL	BDL
27-Aug-08	4	106	BDL
23-Sep-08	1	156	BDL
23-Sep-08	2	189	BDL
23-Sep-08	3	116	BDL
23-Sep-08	Screen fines 1	89	BDL
23-Sep-08	Screen fines 1	55	BDL
23-Sep-08	Screen fines 1	63	BDL
23-Sep-08	Topsoil 1	97	BDL
23-Sep-08	Topsoil 2	82	BDL
23-Sep-08	Topsoil 3	116	BDL
Range:		BDL-189.1	
Mean (1):		103.8	

BDL - Below instrument detection limit

(1) 50 ppm was used to calculate mean in BDL samples

Richardson Flat

Table 4 - QA/QC Sample Results

All Results ppm

**XRF-Lab**

Sample ID	Pb
SL-12D (XRF)	39
SL-12D (Lab)	18
<b>RPD (%)</b>	<b>73.7</b>

Sample ID	Pb
SL-13E (XRF)	107
SL-13E (Lab)	160
<b>RPD (%)</b>	<b>39.7</b>

Sample ID	Pb
SD-SDD-12 (XRF)	76
SD-SDD-12 (Lab)	97
<b>RPD (%)</b>	<b>24.3</b>

Sample ID	Pb
SD-SDD-24 (XRF)	31
SD-SDD-24 (Lab)	8.7
<b>RPD (%)</b>	<b>112.3</b>

**Duplicates**

Sample ID	Pb
SD-SDD-6	100
SD-SDD-506	110
<b>RPD (%)</b>	<b>9.5</b>

Sample ID	Pb
SD-SDD-9	14
SD-SDD-509	13
<b>RPD (%)</b>	<b>7.4</b>

Sample ID	Pb
SL-13E	160
SL-5013E	48
<b>RPD (%)</b>	<b>107.7</b>

Sample ID	Pb
SD-SDD-24	8.7
SD-SDD-5024	6.3
<b>RPD (%)</b>	<b>32.0</b>

# Richardson Flat

Table 5 - Air Monitoring Sample Results

All Results ppm

DATE	SAMPLE ID	LEAD mg/ SAMPLE	LEAD ug/m3	LEAD PEL (ug/m3)	NAAQS (ug/m3)	Air Volume L	NOTES
18-Jun-08	RFT-1	< 0.00005	< 0.074	NA	2.5	674	Upwind Sample
18-Jun-08	RFT-2	0.0001	0.146	50	NA	684	Site Worker Personal Sample
18-Jun-08	RFT-3	0.00011	0.159	50	NA	694	Site Worker Personal Sample
18-Jun-08	RFT-4	0.000063	0.103	NA	2.5	610	Downwind Sample
28-Jul-08	PS-Up	0.000054	0.105	NA	2.5	514	Upwind Sample
28-Jul-08	PS-Down	0.00086	1.700	NA	2.5	506	Downwind Sample
28-Jul-08	Ps-Hoe	0.00024	0.453	50	NA	530	Site Worker Personal Sample
28-Jul-08	Ps-Grader	0.003	5.455	50	NA	550	Site Worker Personal Sample
31-Jul-08	PS-RF Dn	< 0.00005	< 0.087	NA	2.5	572	Downwind Sample
31-Jul-08	PS-RF Up	< 0.00005	< 0.093	NA	2.5	536	Upwind Sample
31-Jul-08	Ps-Hoe	0.000098	0.184	50	NA	532	Site Worker Personal Sample
31-Jul-08	Ps-Hoe K	0.000079	0.147	50	NA	536	Site Worker Personal Sample

## Personnel:

Range:	0.146-5.455
Mean:	1.1

## Offsite:

Range:	<0.074-1.70
Mean:	0.4

## Definitions:

**PEL** - Permissible Exposure Limit. Permissible Exposure Limits are airborne concentrations of substances that workers may be exposed to by inhalation while they are at work. In theory, they represent conditions which it is believed that nearly all workers can be exposed day after day without adverse health effects.

**Action Level** - The Action Level is the exposure level at which OSHA regulations take effect. This is generally one-half of the PEL.

**NAAQS** – National Ambient Air Quality Standards. These are standards established by EPA that apply for outdoor air throughout the country.

**APPENDIX A**  
**LABORATORY REPORTS**



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

June 20, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L84615

American West Analytical Labs received 4 samples on 6/18/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by: Jose G. Rocha  
Laboratory Director or designee

Report Date: 6/20/2008 Page 1 of 9



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
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LABORATORIES

Lab Sample ID: L84615-01A  
Field Sample ID: RF-SDD-PRE  
Collected: 6/17/2008  
Received: 6/18/2008

### TOTAL METALS

463 West 3600 South Salt Lake City, Utah 84115	TOTAL METALS			Method Used	Reporting Limit	Analytical Results
	Analytical Results	Units	Date Analyzed			
	Arsenic	mg/kg-dry	6/19/2008 5:14:00 PM	6010B	7.2	15
Lead	mg/kg-dry	6/19/2008 5:14:00 PM	6010B	7.2	190	

(801) 263-8686  
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e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L84615-02A  
Field Sample ID: RFT-North Gate Stockpile  
Collected: 6/12/2008  
Received: 6/18/2008

### TOTAL METALS

463 West 3600 South Salt Lake City, Utah 84115	TOTAL METALS		Date	Method	Reporting	Analytical
	Analytical Results	Units	Analyzed	Used	Limit	Results
	Arsenic	mg/kg-dry	6/19/2008 5:18:00 PM	6010B	5.6	7.4
	Lead	mg/kg-dry	6/19/2008 5:18:00 PM	6010B	5.6	41

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L84615-03A  
Field Sample ID: **Hospital Import - East Pile**  
Collected: 6/12/2008  
Received: 6/18/2008

### TOTAL METALS

	TOTAL METALS		Date	Method	Reporting	Analytical
	Analytical Results	Units	Analyzed	Used	Limit	Results
463 West 3600 South Salt Lake City, Utah 84115	Arsenic	mg/kg-dry	6/19/2008 5:22:00 PM	6010B	5.7	< 5.7
	Lead	mg/kg-dry	6/19/2008 5:22:00 PM	6010B	5.7	7.9

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L84615-04A  
Field Sample ID: **Hospital Import - West Pile**  
Collected: 6/12/2008  
Received: 6/18/2008

### TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results	
463 West 3600 South Salt Lake City, Utah 84115	Arsenic	mg/kg-dry	6/19/2008 5:30:00 PM	6010B	5.5	6.3 <sup>1</sup>
	Lead	mg/kg-dry	6/19/2008 5:30:00 PM	6010B	5.5	36 <sup>1</sup>

<sup>1</sup> - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



AMERICAN WEST ANALYTICAL LABORATORIES  
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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84615  
Project: Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-40984	Arsenic	mg/kg	6010B	17.80	20	0	89.0	75-125				6/19/2008
LCS-40984	Lead	mg/kg	6010B	18.74	20	0	93.7	75-125				6/19/2008



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84615  
Project: Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-40984	Arsenic	mg/kg	6010B	< 5.0				-				6/19/2008
MB-40984	Lead	mg/kg	6010B	< 5.0				-				6/19/2008



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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84615  
Project: Richardson

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L84615-04AMS	Arsenic	mg/kg-dry	6010B	38.25	22.33	6.284	143	75-125			<sup>1</sup>	6/19/2008
L84615-04AMS	Lead	mg/kg-dry	6010B	42.05	22.33	36.45	25.1	75-125			<sup>1</sup>	6/19/2008

<sup>1</sup> - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.



AMERICAN WEST ANALYTICAL LABORATORIES  
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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84615  
Project: Richardson

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L84615-04AMSD	Arsenic	mg/kg-dry	6010B	35.16	21.19	6.284	136	75-125	8.42	20	<sup>1</sup>	6/19/2008
L84615-04AMSD	Lead	mg/kg-dry	6010B	48.87	21.19	36.45	58.6	75-125	15.0	20	<sup>1</sup>	6/19/2008

<sup>1</sup> - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

# American West Analytical Labs

## WORK ORDER Summary

18-Jun-08

Work Order L84615

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location:

Contact: Kerry Gee

Comments: QCLevel: 2+; Email 2 people

HOK-DB

SP

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L84615-01A	RF-SDD-PRE	6/17/2008	6/18/2008	7/2/2008	Soil	3051A-ICPMS	june 18 - met	1
				7/2/2008		ICP-S	june 18 - met	1
				7/2/2008		PMOIST	june 18 - met	1
L84615-02A	RFT-North Gate Stockpile	6/12/2008		7/2/2008		3051A-ICPMS	june 18 - met	1
				7/2/2008		ICP-S	june 18 - met	1
				7/2/2008		PMOIST	june 18 - met	1
L84615-03A	Hospital Import - East Pile			7/2/2008		3051A-ICPMS	june 18 - met	1
				7/2/2008		ICP-S	june 18 - met	1
				7/2/2008		PMOIST	june 18 - met	1
L84615-04A	Hospital Import - West Pile			7/2/2008		3051A-ICPMS	june 18 - met	1
				7/2/2008		ICP-S	june 18 - met	1
				7/2/2008		PMOIST	june 18 - met	1

# RMC

## Laboratory Services Request Form

84615

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
II. ACCOUNT INFORMATION				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Account Name: _____					
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>					
TAT: <u>Standard</u> P.O. No: <u>Richardson</u>					
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266</u>					
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <u>US Mail (X)</u> <u>Fed Ex ( )</u> <u>Fax (X )</u> <u>Othe Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	<u>RF-SDD-PRE</u>	<u>6-17-2008</u>	<u>1</u>	<u>Pb + As</u>	
	<u>RFT - North Gate stockpile</u>	<u>6-12-2008</u>	<u>↓</u>	<u>↓</u>	
	<u>Hospital Import - East pile</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
	<u>Hospital Import - West Pile</u>				
notes: <u>Cd- detection limit must be below 0.0008 ppm</u>					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: _____		Date _____	Time _____	Courier Co. Name _____ Airbill # _____ Custody Seal Intact? _____ Yes _____ No _____	
Relinquished by: <u>[Signature]</u>		Date <u>6-18-2008</u>	Time <u>12:54</u>		
Received by: <u>[Signature]</u>		Date <u>6/18/08</u>	Time <u>1255</u>		
Received for lab by: _____		Date _____	Time _____		

Lab Set ID: 84615

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
<input type="checkbox"/> Shipped By:	<b>Present on Outer Package</b>	<input type="checkbox"/> AWAL Supplied Plastic	
<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied Clear Glass	
<input checked="" type="checkbox"/> Ambient	<b>Unbroken on Outer package</b>	<input type="checkbox"/> AWAL Supplied Amber Glass	
<input type="checkbox"/> Chilled	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials	
Temperature 28 °C	<b>Present on Sample</b>	<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace	
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Non AWAL Supplied Container	
Notes:	<b>Unbroken on Sample</b>	Notes: SM	
Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Notes:	Notes:		
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Discrepancies Between Labels and COC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Notes:		Notes:	

[illegible]

- |            |    |   |
|------------|----|---|
| Procedure: | 1) | Pour a small amount of sample in the sample lid   |
|            | 2) | Pour sample from Lid gently over wide range pH paper  |
|            | 3) | Do Not dip the pH paper in the sample bottle or lid   |
|            | 4) | If sample is not preserved properly list its extension and receiving pH in the appropriate column above |
|            | 5) | Flag COC and notify client for further instructions   |
|            | 6) | Place client conversation on COC  |
|            | 7) | Samples may be adjusted at client request   |



AMERICAN  
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LABORATORIES

463 West 3600 South  
Salt Lake City, Utah  
84115

June 25, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L84653

American West Analytical Labs received 4 samples on 6/19/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by: Jose G. Rocha  
Laboratory Director or designee

Report Date: 6/25/2008 Page 1 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

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WEST  
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LABORATORIES

Lab Sample ID: L84653-01A  
Field Sample ID: RFT-1 (674 Liters)  
Collected: 6/18/2008  
Received: 6/19/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Arsenic	mg/sample	6/20/2008 7:21:52 PM	6020	0.000075	< 0.000075
Lead	mg/sample	6/20/2008 7:21:52 PM	6020	0.000050	< 0.000050

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

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LABORATORIES

Lab Sample ID: L84653-02A  
Field Sample ID: RFT-2 (684 Liters)  
Collected: 6/18/2008  
Received: 6/19/2008

### TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
463 West 3600 South Salt Lake City, Utah 84115	Arsenic	mg/sample	6/20/2008 7:38:05 PM	6020	0.000075 < 0.000075
	Lead	mg/sample	6/20/2008 7:38:05 PM	6020	0.000050 0.00010

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L84653-03A  
Field Sample ID: RFT-3 (694 Liters)  
Collected: 6/18/2008  
Received: 6/19/2008

### **TOTAL METALS**

463 West 3600 South  
Salt Lake City, Utah  
84115

<b>Analytical Results</b>	<b>Units</b>	<b>Date Analyzed</b>	<b>Method Used</b>	<b>Reporting Limit</b>	<b>Analytical Results</b>
Arsenic	mg/sample	6/20/2008 7:43:29 PM	6020	0.000075	< 0.000075
Lead	mg/sample	6/20/2008 7:43:29 PM	6020	0.000050	0.00011

(801) 263-8686  
Toll Free (888) 263-8686  
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e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Report Date: 6/25/2008 Page 4 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L84653-04A  
Field Sample ID: RFT-4 (610 Liters)  
Collected: 6/18/2008  
Received: 6/19/2008

### TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
463 West 3600 South Salt Lake City, Utah 84115	mg/sample	6/20/2008 7:48:53 PM	6020	0.000075	< 0.000075
	mg/sample	6/20/2008 7:48:53 PM	6020	0.000050	0.000063

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84653  
Project: Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-41010	Arsenic	mg/L	6020	0.1886	0.2	0	94.3	85-115				6/20/2008
LCS-41010	Lead	mg/L	6020	0.1972	0.2	0.00006	98.6	85-115				6/20/2008



# AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84653  
Project: Richardson

Dept: ME

SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-41010	Arsenic	mg/L	6020	0.1831	0.2	0	91.6	85-115	2.95	20		6/20/2008
LCSD-41010	Lead	mg/L	6020	0.1928	0.2	0.00006	96.4	85-115	2.27	20		6/20/2008

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide precision data.



# AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L84653  
Project: Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-41010	Arsenic	mg/L	6020	< 0.00015				-				6/20/2008
MB-41010	Lead	mg/L	6020	< 0.00010				-				6/20/2008

# American West Analytical Labs

## WORK ORDER Summary

20-Jun-08

Work Order L84653

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location: *Hick*

Contact: Kerry Gee

Comments: QCLevel: 2+; Email 2 People. Use lowest detection limit possible for all analysis.

*SP*


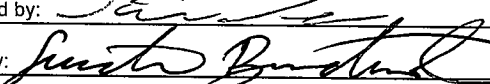
Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L84653-01A	RFT-1 (674 Liters)	6/18/2008	6/19/2008	7/3/2008	Filter	3051A-ICPMS	desicator june 19 - met	1
				7/3/2008		6020-S	desicator june 19 - met	1
L84653-02A	RFT-2 (684 Liters)			7/3/2008		3051A-ICPMS	desicator june 19 - met	1
				7/3/2008		6020-S	desicator june 19 - met	1
L84653-03A	RFT-3 (694 Liters)			7/3/2008		3051A-ICPMS	desicator june 19 - met	1
				7/3/2008		6020-S	desicator june 19 - met	1
L84653-04A	RFT-4 (610 Liters)			7/3/2008		3051A-ICPMS	desicator june 19 - met	1
				7/3/2008		6020-S	desicator june 19 - met	1

<b>LABORATORY USE ONLY</b>	
<b>SAMPLES WERE:</b>	
1 Shipped or hand delivered	
Notes:	
2 Ambient or Chilled	
Notes:	
3 Temperature	30.0
4 Received Broken/Leaking (Improperly Sealed)	
Y	N
Notes:	
5 Properly Preserved	
Y	N
Notes:	
6 Received Within Holding Times	
Y	N
Notes:	

# RMC

## Laboratory Services Request Form

84653

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: PO BOX 1450 PARK CITY, UT 84060					
Client Phone: 435-608-0954					
Client Fax: 435-615-1239					
II. ACCOUNT INFORMATION				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Account Name:					
Sample Questions- Todd Leeds RMC- 801-255-2626					
TAT: Standard P.O. No: Richardson					
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266					
Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail ( X ) Fed Ex ( ) Fax ( X ) Othe Todd@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	<del>RFT-1</del> RFT-1 (674 1:1ers)	6-18-2008	1	pb + As	
	RFT-2 (684 1:1)	↓	↓	↓	
	RFT-3 (694 1:1)	↓	↓	↓	
	RFT-4 (610 1:1)	↓	↓	↓	
notes: Cd detection limit must be below 0.0008 ppm lowest available detection limit for all analytes					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:		Date	Time	Courier Co. Name	
Relinquished by: 		Date 6-19-2008	Time 14:44	Airbill #	
Received by: 		Date 6/19/08	Time 1444	Custody Seal Intact?	
Received for lab by:		Date	Time	Yes                      No	



AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

July 23, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

463 West 3600 South  
Salt Lake City, Utah  
84115

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

Lab Set ID: L85048

Dear Kerry Gee:


American West Analytical Labs received 3 samples on 7/11/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by:   
Laboratory Director or designee

Report Date: 7/23/2008 Page 1 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85048-01A  
Field Sample ID: CV - RFT - Topsoil Promontory  
Collected: 7/8/2008 10:00:00 AM  
Received: 7/11/2008

### TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
463 West 3600 South Salt Lake City, Utah 84115					
Arsenic	mg/kg-dry	7/16/2008 4:03:00 PM	6010B	5.3	< 5.3
Lead	mg/kg-dry	7/16/2008 4:03:00 PM	6010B	5.3	13

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85048-02A  
Field Sample ID: CV - RFT - West Hospital  
Collected: 7/8/2008 10:15:00 AM  
Received: 7/11/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Arsenic	mg/kg-dry	7/16/2008 4:27:00 PM	6010B	5.6	< 5.6
Lead	mg/kg-dry	7/16/2008 4:27:00 PM	6010B	5.6	16

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85048-03A  
Field Sample ID: CV - RFT - East Hospital  
Collected: 7/8/2008 11:00:00 AM  
Received: 7/11/2008

### TOTAL METALS

463 West 3600 South Salt Lake City, Utah 84115	TOTAL METALS		Date	Method	Reporting	Analytical
	Analytical Results	Units	Analyzed	Used	Limit	Results
	Arsenic	mg/kg-dry	7/16/2008 4:31:00 PM	6010B	5.4	< 5.4
	Lead	mg/kg-dry	7/16/2008 4:31:00 PM	6010B	5.4	7.5

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85048  
Project: Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-41363	Arsenic	mg/kg	6010B	21.59	20	2.681	94.5	75-125				7/16/2008
LCS-41363	Lead	mg/kg	6010B	16.90	20	0	84.5	75-125				7/16/2008

Report Date: 7/23/2008 Page 5 of 8



AMERICAN WEST ANALYTICAL LABORATORIES  
463 West 3600 South  
Salt Lake City, Utah 84115  
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687  
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85048  
Project: Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-41363	Arsenic	mg/kg	6010B	< 5.0				-				7/16/2008
MB-41363	Lead	mg/kg	6010B	< 5.0				-				7/16/2008

Report Date: 7/23/2008 Page 6 of 8



# AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85048  
Project: Richardson

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85048-01AMS	Arsenic	mg/kg-dry	6010B	25.31	21.31	3.497	102	75-125				7/16/2008
L85048-01AMS	Lead	mg/kg-dry	6010B	29.35	21.31	13.29	75.4	75-125				7/16/2008

Report Date: 7/23/2008 Page 7 of 8



# AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85048  
Project: Richardson

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L85048-01AMSD	Arsenic	mg/kg-dry	6010B	23.57	21.36	3.497	94.0	75-125	7.13	20		7/16/2008
L85048-01AMSD	Lead	mg/kg-dry	6010B	30.41	21.36	13.29	80.1	75-125	3.54	20		7/16/2008

Report Date: 7/23/2008 Page 8 of 8

# American West Analytical Labs

## WORK ORDER Summary

22-Jul-08

Work Order L85048

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location:

Contact: Kerry Gee

Comments: QCLevel: 2+. Email 2 People.

Hoksm

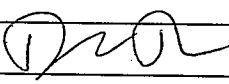
DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85048-01A	CV - RFT - Topsoil Promento	7/8/2008 10:00:00 AM	7/11/2008	7/28/2008	Soil	3051A-ICPMS	july 11 - metals	1
				7/28/2008		ICP-S	july 11 - metals	1
				7/28/2008		PMOIST	july 11 - metals	1
L85048-02A	CV - RFT - West Hospital	7/8/2008 10:15:00 AM		7/28/2008		3051A-ICPMS	july 11 - metals	1
				7/28/2008		ICP-S	july 11 - metals	1
				7/28/2008		PMOIST	july 11 - metals	1
L85048-03A	CV - RFT - East Hospital	7/8/2008 11:00:00 AM		7/28/2008		3051A-ICPMS	july 11 - metals	1
				7/28/2008		ICP-S	july 11 - metals	1
				7/28/2008		PMOIST	july 11 - metals	1

RMC

## Laboratory Services Request Form

85048

<b>I. CLIENT INFORMATION</b>				<b>SEND REQUESTS TO:</b>	
Client Name: UNITED PARK CITY MINES				American West	
Client Address: PO BOX 1450 PARK CITY, UT 84060				Analytical Laboratories	
Client Phone: 435-608-0954				463 W. 3600 South	
Client Fax: 435-615-1239				Salt Lake City, UT	
				84115	
<b>II. ACCOUNT INFORMATION</b>					
Account Name:				Patrick Noteboom	
Sample Questions- Todd Leeds RMC- 801-255-2626				Phone # (801) 750-2585	
TAT: Standard				Fax (801)-263-8687	
				P.O. No: Richardson	
<b>III. REPORT INSTRUCTIONS</b>					
Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266					
Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X ) Other Todd@rmc-ut.com					
Services Requested below are required no later than (date)					
<b>IV. TYPE OF SERVICE REQUESTED</b>					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	CV-RFT-Topsol promentory	7/6/08 10:00	7	Pb + As	
	CV-RFT-west hospital	↓ 10:15	↓	↓	
	CV-RFT-east hospital	↓ 10:00	↓	↓	
notes: Cd- detection limit must be below 0.0008 ppm					
<b>V. CHAIN OF CUSTODY RECORD</b>					
Dispatched by:		Date	Time	Courier Co. Name	
Relinquished by: 		Date 7/11/08	Time 10:11	Airbill #	
Received by:		Date	Time	Custody Seal Intact?	
Received for lab by: Denise Brun		Date 7/11/08	Time 10:11	Yes No	

22.5

85048

DA

Samples Were:		COC Tape Was:		Container Type:		No. Rec.	
<input type="checkbox"/> Shipped By:		<b>Present on Outer Package</b>		<input type="checkbox"/> AWAL Supplied Plastic			
<input checked="" type="checkbox"/> Hand Delivered		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> AWAL Supplied Clear Glass			
<input checked="" type="checkbox"/> Ambient		<b>Unbroken on Outer package</b>		<input type="checkbox"/> AWAL Supplied Amber Glass			
<input type="checkbox"/> Chilled		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials			
Temperature 22.5 °C		<b>Present on Sample</b>		<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace			
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Non AWAL Supplied Container			
Notes:		<b>Unbroken on Sample</b>		Notes:			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A					
Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Notes:					
Notes:							
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Discrepancies Between Labels and COC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Notes:				Notes:			

[illegible]

Procedure:

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) **Do Not** dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request



AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

July 30, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

463 West 3600 South  
Salt Lake City, Utah  
84115

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson Flat

Lab Set ID: L85369

Dear Kerry Gee:

American West Analytical Labs received 4 samples on 7/29/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by:

  
Laboratory Director or designee

Report Date: 7/30/2008 Page 1 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85369-01A  
Field Sample ID: PS-Up (514 Liters)  
Collected: 7/28/2008  
Received: 7/29/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	7/29/2008 11:23:00 PM	6020	0.000050	0.000054

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85369-02A  
Field Sample ID: **PS-Down (506 Liters)**  
Collected: 7/28/2008  
Received: 7/29/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	7/29/2008 11:44:34 PM	6020	0.000050	<b>0.00086</b>

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85369-03A  
Field Sample ID: PS-Hoe (530 Liters)  
Collected: 7/28/2008  
Received: 7/29/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	7/29/2008 11:49:58 PM	6020	0.000050	0.00024

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85369-04A  
Field Sample ID: PS-Grader (550 Liters)  
Collected: 7/28/2008  
Received: 7/29/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	7/29/2008 11:55:22 PM	6020	0.000050	0.0030

(801) 263-8686  
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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687  
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85369  
Project: Richardson Flat

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-41550	Lead	mg/L	6020	0.1946	0.2	0.000064	97.3	85-115				7/29/2008



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85369  
Project: Richardson Flat

Dept: ME

SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-41550	Lead	mg/L	6020	0.1864	0.2	0.000064	93.2	85-115	4.32	20		7/29/2008

Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide precision data.



# AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85369  
Project: Richardson Flat

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-41550	Lead	mg/L	6020	< 0.00010				-				7/29/2008

# American West Analytical Labs

## WORK ORDER Summary

29-Jul-08

Work Order L85369

Client ID: UNI100

QC Level: 2+

Project: Richardson Flat

Location: *Hobbs*

Contact: Kerry Gee


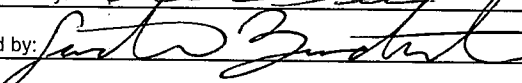
Comments: QCLevel: 2+

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85369-01A	PS-Up (514 Liters)	7/28/2008	7/29/2008	8/12/2008	Filter	3051A-ICPMS	desicater july 29 - metals	1
				8/12/2008		6020-S	desicater july 29 - metals	1
L85369-02A	PS-Down (506 Liters)			8/12/2008		3051A-ICPMS	desicater july 29 - metals	1
				8/12/2008		6020-S	desicater july 29 - metals	1
L85369-03A	PS-Hoe (530 Liters)			8/12/2008		3051A-ICPMS	desicater july 29 - metals	1
				8/12/2008		6020-S	desicater july 29 - metals	1
L85369-04A	PS-Grader (550 Liters)			8/12/2008		3051A-ICPMS	desicater july 29 - metals	1
				8/12/2008		6020-S	desicater july 29 - metals	1

# RMC

## Laboratory Services Request Form

85369

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: PO BOX 1450 PARK CITY, UT 84060					
Client Phone: 435-608-0954					
Client Fax: 435-615-1239					
II. ACCOUNT INFORMATION				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Account Name:					
Sample Questions- Todd Leeds RMC- 801-255-2626					
TAT: Standard				P.O. No: Richardson Flat	
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266					
Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex ( ) Fax (X ) Othe Todd@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	PS- Up (514 17-05)	7-28-2008	1	Pb	
	PS- Down (506 " )	↓	↓	↓	
	PS- Hoe (530 " )	↓	↓	↓	
	PS- Grader (550 " )	↓	↓	↓	
notes: <del>cd detection limit must be below 0.0000 ppm</del> Lowest available detection limit for analytes					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:			Date	Time	Courier Co. Name  Airbill #  Custody Seal Intact?  Yes                      No
Relinquished by: 			Date 7-29-08	Time 15:11	
Received by: 			Date 7/29/08	Time 1511	
Received for lab by:			Date	Time	

26.9

Lab Set ID: 85369

<b>Samples Were:</b>	<b>COC Tape Was:</b>	<b>Container Type:</b>	<b>No. Rec.</b>
<input type="checkbox"/> Shipped By:	<b>Present on Outer Package</b>	<input type="checkbox"/> AWAL Supplied Plastic	
<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied Clear Glass	
<input checked="" type="checkbox"/> Ambient	<b>Unbroken on Outer package</b>	<input type="checkbox"/> AWAL Supplied Amber Glass	
<input type="checkbox"/> Chilled	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials	
Temperature <u>26.9</u> °C	<b>Present on Sample</b>	<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace	
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Non AWAL Supplied Container	
<b>Notes:</b>	<b>Unbroken on Sample</b>	<b>Notes:</b>	
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<b>Notes:</b>		
<b>Notes:</b>			
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Discrepancies Between Labels and COC</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Notes:</b>		<b>Notes:</b>	

Bottle Type	Preservative	All pHs OK																	
Ammonia	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
COD	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
Cyanide	PH >12 NaOH																		
Metals	pH <2 HNO <sub>3</sub>																		
NO <sub>2</sub> & NO <sub>3</sub>	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
Nutrients	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
O & G	pH <2 HCL																		
Phenols	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
Sulfide	pH > 9NaOH, ZnAC																		
TKN	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
TOC	pH <2 H <sub>3</sub> PO <sub>4</sub>																		
T PO <sub>4</sub>	pH <2 H <sub>2</sub> SO <sub>4</sub>																		
TPH	pH <2 HCL																		

- Procedure:
- 1) Pour a small amount of sample in the sample lid
  - 2) Pour sample from Lid gently over wide range pH paper
  - 3) Do Not dip the pH paper in the sample bottle or lid
  - 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
  - 5) Flag COC and notify client for further instructions
  - 6) Place client conversation on COC
  - 7) Samples may be adjusted at client request



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

August 07, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L85528

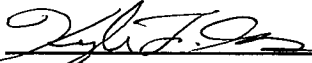
American West Analytical Labs received 4 samples on 8/6/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by:   
Laboratory Director or designee

Report Date: 8/7/2008 Page 1 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85528-01A  
Field Sample ID: PS-RF Dn (572 L)  
Collected: 7/31/2008  
Received: 8/6/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	8/6/2008 8:10:26 PM	6020	0.000050	< 0.000050

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L85528-02A  
Field Sample ID: PS-RF Up (536 L)  
Collected: 7/31/2008  
Received: 8/6/2008

### **TOTAL METALS**

463 West 3600 South  
Salt Lake City, Utah  
84115

<b>Analytical Results</b>	<b>Units</b>	<b>Date Analyzed</b>	<b>Method Used</b>	<b>Reporting Limit</b>	<b>Analytical Results</b>
Lead	mg/sample	8/6/2008 8:26:35 PM	6020	0.000050	< 0.000050

(801) 263-8686  
Toll Free (888) 263-8686  
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e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85528-03A  
Field Sample ID: PS-Hoe T (532 L)  
Collected: 7/31/2008  
Received: 8/6/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	8/6/2008 8:31:58 PM	6020	0.000050	0.000098

(801) 263-8686  
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Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L85528-04A  
Field Sample ID: PS-Hoe K (536 L)  
Collected: 7/31/2008  
Received: 8/6/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Lead	mg/sample	8/6/2008 8:37:21 PM	6020	0.000050	0.000079

(801) 263-8686  
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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85528  
Project: Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-41706	Lead	mg/L	6020	0.1801	0.2	0	90.0	85-115				8/6/2008



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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85528  
Project: Richardson

Dept: ME

SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-41706	Lead	mg/L	6020	0.1848	0.2	0	92.4	85-115	2.61	20		8/6/2008

Report Date: 8/7/2008 Page 7 of 8



# AMERICAN WEST ANALYTICAL LABORATORIES

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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L85528  
Project: Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-41706	Lead	mg/L	6020	< 0.00010				-				8/6/2008

Report Date: 8/7/2008 Page 8 of 8

**WORK ORDER Summary**

06-Aug-08

Work Order L85528

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location:

HOK-DB

Contact: Kerry Gee

Comments: Next Day Rush; QCLevel: 2+; Email 2 people; Client is aware that the instrument is down.

SP

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L85528-01A	PS-RF Dn (572 L)	7/31/2008	8/6/2008	8/7/2008	Filter	3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1
L85528-02A	PS-RF Up (536 L)			8/7/2008		3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1
L85528-03A	PS-Hoe T (532 L)			8/7/2008		3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1
L85528-04A	PS-Hoe K (536 L)			8/7/2008		3051A-ICPMS	aug 6 - metals	1
				8/7/2008		6020-S	aug 6 - metals	1

# RMC

Laboratory Services Request Form

85528

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: PO BOX 1450 PARK CITY, UT 84060					
Client Phone: 435-608-0954					
Client Fax: 435-615-1239					
II. ACCOUNT INFORMATION				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Account Name:					
Sample Questions- Todd Leeds RMC- 801-255-2626					
<b>TAT: 24-hour</b>				<b>P.O. No: Richardson</b>	
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266					
Report Address: PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail ( X ) Fed Ex ( ) Fax ( X ) Other Todd@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
Lab No.					
	PS-rfDn (572 L) 7/31/08	7/31/08	1	Pb	
	PS-rf up (536 L)	↓	↓	Pb	
	PS-hoe-T (532 L)	↓	↓	Pb	
	PS-hoe-K (536 L)	↓	↓	Pb	
notes: Cd- detection limit must be below 0.0008 ppm					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:		Date	Time	Courier Co. Name  Airbill #  Custody Seal Intact? Yes                      No	
Relinquished by: <i>[Signature]</i>		Date 8-6-08	Time 12:27		
Received by: <i>[Signature]</i>		Date 8/6/08	Time 1227		
Received for lab by:		Date	Time		

Lab Set ID:

85528

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
<input type="checkbox"/> Shipped By:	<b>Present on Outer Package</b>	<input type="checkbox"/> AWAL Supplied Plastic	
<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied Clear Glass	
<input checked="" type="checkbox"/> Ambient	<b>Unbroken on Outer package</b>	<input type="checkbox"/> AWAL Supplied Amber Glass	
<input type="checkbox"/> Chilled	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials	
Temperature 22.4 °C	<b>Present on Sample</b>	<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace	
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Non AWAL Supplied Container	
Notes:	<b>Unbroken on Sample</b>	Notes: SB	
Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Notes:	Notes:		
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Discrepancies Between Labels and COC</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Notes:		Notes:	

[illegible]

---

Procedure:

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) **Do Not** dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

463 West 3600 South  
Salt Lake City, Utah  
84115

September 11, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

Dear Kerry Gee:

Lab Set ID: L86207


American West Analytical Labs received 3 samples on 9/9/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by: 

Laboratory Director or designee

Report Date: 9/11/2008 Page 1 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86207-01A

Field Sample ID: SL-12D

Collected: 9/8/2008

Received: 9/9/2008

### **TOTAL METALS**

463 West 3600 South  
Salt Lake City, Utah  
84115

<b>Analytical Results</b>	<b>Units</b>	<b>Date Analyzed</b>	<b>Method Used</b>	<b>Reporting Limit</b>	<b>Analytical Results</b>
Arsenic	mg/kg-dry	9/10/2008 4:19:00 PM	6010B	6.1	16
Lead	mg/kg-dry	9/10/2008 4:19:00 PM	6010B	6.1	18

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L86207-02A  
Field Sample ID: CV-RFT - West Cover Import  
Collected: 8/14/2008  
Received: 9/9/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Arsenic	mg/kg-dry	9/10/2008 4:35:00 PM	6010B	5.6	7.3
Lead	mg/kg-dry	9/10/2008 4:35:00 PM	6010B	5.6	21

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson

Contact: Kerry Gee

AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

Lab Sample ID: L86207-03A  
Field Sample ID: CV-RFT - East Cover Import  
Collected: 8/14/2008  
Received: 9/9/2008

### TOTAL METALS

463 West 3600 South  
Salt Lake City, Utah  
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Arsenic	mg/kg-dry	9/10/2008 4:39:00 PM	6010B	5.5	< 5.5
Lead	mg/kg-dry	9/10/2008 4:39:00 PM	6010B	5.5	9.3

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687  
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86207  
Project: Richardson

Dept: ME  
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42322	Arsenic	mg/kg	6010B	20.10	20	0	101	75-125				9/10/2008
LCS-42322	Lead	mg/kg	6010B	19.75	20	0	98.8	75-125				9/10/2008



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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86207  
Project: Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42322	Arsenic	mg/kg	6010B	< 5.0				-				9/10/2008
MB-42322	Lead	mg/kg	6010B	< 5.0				-				9/10/2008



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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.

Work Order: L86207

Project: Richardson

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86207-01AMS	Arsenic	mg/kg-dry	6010B	42.30	23.75	15.54	113	75-125				9/10/2008
L86207-01AMS	Lead	mg/kg-dry	6010B	36.32	23.75	17.56	79.0	75-125				9/10/2008

Report Date: 9/11/2008 Page 7 of 8



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86207  
Project: Richardson

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86207-01AMSD	Arsenic	mg/kg-dry	6010B	41.93	24.11	15.54	109	75-125	0.864	20		9/10/2008
L86207-01AMSD	Lead	mg/kg-dry	6010B	36.52	24.11	17.56	78.7	75-125	0.548	20		9/10/2008

# American West Analytical Labs

## WORK ORDER Summary

09-Sep-08

Work Order L86207

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location:

Contact: Kerry Gee

Comments: QCLevel: 2+, E-Mail two people.

HOKSP

DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86207-01A	SL-12D	9/8/2008	9/9/2008	9/23/2008	Soil	3051A-ICPMS	sept 9 - metals	1
				9/23/2008		ICP-S	sept 9 - metals	1
				9/23/2008		PMOIST	sept 9 - metals	1
L86207-02A	CV-RFT - West Cover Import	8/14/2008		9/23/2008		3051A-ICPMS	sept 9 - metals	1
				9/23/2008		ICP-S	sept 9 - metals	1
				9/23/2008		PMOIST	sept 9 - metals	1
L86207-03A	CV-RFT - East Cover Import			9/23/2008		3051A-ICPMS	sept 9 - metals	1
				9/23/2008		ICP-S	sept 9 - metals	1
				9/23/2008		PMOIST	sept 9 - metals	1

86207

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
II. ACCOUNT INFORMATION					
Account Name: _____				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>					
TAT: <u>Standard</u> P.O. No: <u>Richardson</u>					
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266</u>					
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <u>US Mail (X)</u> <u>Fed Ex ( )</u> <u>Fax (X )</u> <u>Othe Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	<u>SL-12D</u>	<u>9-8-2008</u>	<u>1</u>	<u>Pb + As</u>	
	<u>CV - RFT - West Cover Import</u>	<u>8-14-2008</u>	<u>↓</u>	<u>↓</u>	
	<u>CV - RFT - East Cover Import</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
notes: _____					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: <u>Dora Juche</u>		Date <u>9-9-08</u> Time <u>11:42 am</u>		Courier Co. Name  Airbill #  Custody Seal Intact?  Yes                      No	
Relinquished by: _____		Date _____ Time _____			
Received by: _____		Date _____ Time _____			
Received for lab by: <u>Denise Bruun</u>		Date <u>9/9/08</u> Time <u>11:42 am</u>			

DB

DB

DB

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)

- |   |
|---|
| Pour a small amount of sample in the sample lid   |
| Pour sample from Lid gently over wide range pH paper  |
| Do Not dip the pH paper in the sample bottle or lid   |
| If sample is not preserved properly list its extension and receiving pH in the appropriate column above |
| Flag COC and notify client for further instructions   |
| Place client conversation on COC  |
| Samples may be adjusted at client request   |



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

September 29, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

463 West 3600 South  
Salt Lake City, Utah  
84115

Dear Kerry Gee:

Lab Set ID: L86545

American West Analytical Labs received 4 samples on 9/24/2008 for the analyses presented in the following report.

(801) 263-8686

Toll Free (888) 263-8686

Fax (801) 263-8687

e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross  
Laboratory Director

Thank you.

Jose Rocha  
QA Officer

Approved by:

Laboratory Director or designee

Report Date: 9/29/2008 Page 1 of 6



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687  
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

---

<b>CLIENT:</b>	United Park City Mines Co.	<b>Contact:</b>	Kerry Gee
<b>Lab Order:</b>	L86545		
<b>Project:</b>	Richardson	<b>Date Received:</b>	9/24/2008

---

## Lead

Lab Sample ID	Sample ID	Date Sampled	Date Analyzed	Method Used	Units	Reporting Limits	Analytical Result
L86545-01A	SD-SDD-6	9/23/2008	9/25/2008 7:29:00 PM	6010B	mg/kg-dry	5.6	100 <sup>2</sup>
	<sup>2</sup> - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.						
L86545-02A	SD-SDD-506	9/23/2008	9/25/2008 7:53:00 PM	6010B	mg/kg-dry	5.6	110
L86545-03A	SD-SDD-9	9/23/2008	9/25/2008 7:57:00 PM	6010B	mg/kg-dry	5	14
L86545-04A	SD-SDD-509	9/23/2008	9/25/2008 8:01:00 PM	6010B	mg/kg-dry	5.1	13



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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.

Work Order: L86545

Project: Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42588	Lead	mg/kg	6010B	21.66	20	0.143	108	75-125				9/25/2008



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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86545  
Project: Richardson

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42588	Lead	mg/kg	6010B	< 5.0				-				9/25/2008



AMERICAN WEST ANALYTICAL LABORATORIES  
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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86545  
Project: Richardson

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86545-01AMS	Lead	mg/kg-dry	6010B	109.4	22.76	100.7	38.2	75-125			<sup>2</sup>	9/25/2008

<sup>2</sup> - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86545  
Project: Richardson

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86545-01AMSD	Lead	mg/kg-dry	6010B	144.8	22.67	100.7	195	75-125	27.9	20	<sup>2</sup>	9/25/2008

<sup>2</sup> - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

# American West Analytical Labs

## WORK ORDER Summary

24-Sep-08

Work Order L86545

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location:

Contact: Kerry Gee

Comments: QCLevel: 2+. E-mail two people.

H/KSP

DB

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86545-01A	SD-SDD-6	9/23/2008	9/24/2008	10/8/2008	Soil	3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1
L86545-02A	SD-SDD-506			10/8/2008		3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1
L86545-03A	SD-SDD-9			10/8/2008		3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1
L86545-04A	SD-SDD-509			10/8/2008		3051A-ICPMS	sept 24 - metals	1
				10/8/2008		ICP-S	sept 24 - metals	1
				10/8/2008		PMOIST	sept 24 - metals	1

# RMC

## Laboratory Services Request Form

86545

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
II. ACCOUNT INFORMATION				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Account Name: _____					
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>					
<b>TAT:</b> <u>Standard</u> <b>P.O. No:</b> <u>Richardson</u>					
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266</u>					
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By:                      US Mail ( X )      Fed Ex (   )      Fax ( X )      Othe <u>Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	SD - SDD - 6	9-23-2008	1	Pb	
	SD - SDD - 506	↓	↓	↓	
	SD - SDD - 9	↓	↓	↓	
	SD - SDD - 509	↓	↓	↓	
notes: _____					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: _____		Date _____	Time _____	Courier Co. Name _____ Airbill # _____ Custody Seal Intact? Yes                      No	
Relinquished by: <u>[Signature]</u>		Date <u>9-24-08</u>	Time <u>12:16</u>		
Received by: _____		Date _____	Time _____		
Received for lab by: <u>Denise Bruen</u>		Date <u>9/24/08</u>	Time <u>12:16</u>		

Lab Set ID: 86545

<b>Samples Were:</b>	<b>COC Tape Was:</b>	<b>Container Type:</b>	<b>No. Rec.</b>
<input type="checkbox"/> Shipped By:	<b>Present on Outer Package</b>	<input type="checkbox"/> AWAL Supplied Plastic	
<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied Clear Glass	
<input checked="" type="checkbox"/> Ambient	<b>Unbroken on Outer package</b>	<input type="checkbox"/> AWAL Supplied Amber Glass	
<input type="checkbox"/> Chilled	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials	
Temperature 22 °C	<b>Present on Sample</b>	<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace	
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Non AWAL Supplied Container	
<b>Notes:</b>	<b>Unbroken on Sample</b>	<b>Notes:</b>	
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<b>Notes:</b>		
<b>Notes:</b>			
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Discrepancies Between Labels and COC</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Notes:</b>		<b>Notes:</b>	

Bottle Type	Preservative	All pHs OK
Ammonia	pH <2 H <sub>2</sub> SO <sub>4</sub>	
COD	pH <2 H <sub>2</sub> SO <sub>4</sub>	
Cyanide	PH >12 NaOH	
Metals	pH <2 HNO <sub>3</sub>	
NO <sub>2</sub> & NO <sub>3</sub>	pH <2 H <sub>2</sub> SO <sub>4</sub>	
Nutrients	pH <2 H <sub>2</sub> SO <sub>4</sub>	
O & G	pH <2 HCL	
Phenols	pH <2 H <sub>2</sub> SO <sub>4</sub>	
Sulfide	pH > 9NaOH, ZnAC	
TKN	pH <2 H <sub>2</sub> SO <sub>4</sub>	
TOC	pH <2 H <sub>3</sub> PO <sub>4</sub>	
T PO <sub>4</sub>	pH <2 H <sub>2</sub> SO <sub>4</sub>	
TPH	pH <2 HCL	

---

Procedure:

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) **Do Not** dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

October 01, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson Flat

Dear Kerry Gee:

Lab Set ID: L86630

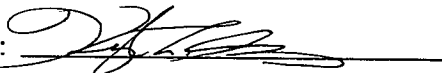
American West Analytical Labs received 4 samples on 9/29/2008 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Thank you.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Approved by: 

Laboratory Director or designee

Report Date: 10/1/2008 Page 1 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86630-01A  
Field Sample ID: **RFA-D8 (730 liters)**  
Collected: 9/17/2008  
Received: 9/29/2008

### **TOTAL METALS**

463 West 3600 South  
Salt Lake City, Utah  
84115

<b>Analytical Results</b>	<b>Units</b>	<b>Date Analyzed</b>	<b>Method Used</b>	<b>Reporting Limit</b>	<b>Analytical Results</b>
Lead	mg/sample	9/29/2008 5:21:12 PM	6020	0.000050	<b>0.00061</b>

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Report Date: 10/1/2008 Page 2 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86630-02A  
Field Sample ID: RFA-3 (766 liters)  
Collected: 9/17/2008  
Received: 9/29/2008

### **TOTAL METALS**

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
463 West 3600 South Salt Lake City, Utah 84115	mg/sample	9/29/2008 5:37:21 PM	6020	0.000050	< 0.000050

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Report Date: 10/1/2008 Page 3 of 8



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86630-03A  
Field Sample ID: RFA-1 (710 liters)  
Collected: 9/17/2008  
Received: 9/29/2008

### **TOTAL METALS**

Analytical Results	Units	Date	Method	Reporting	Analytical
		Analyzed	Used	Limit	Results
Lead	mg/sample	9/29/2008 5:42:45 PM	6020	0.000050	0.00013

463 West 3600 South  
Salt Lake City, Utah  
84115

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86630-04A  
Field Sample ID: RFT-A1 (770 liters)  
Collected: 9/17/2008  
Received: 9/29/2008

### **TOTAL METALS**

463 West 3600 South  
Salt Lake City, Utah  
84115

<b>Analytical Results</b>	<b>Units</b>	<b>Date Analyzed</b>	<b>Method Used</b>	<b>Reporting Limit</b>	<b>Analytical Results</b>
Lead	mg/sample	9/29/2008 5:48:08 PM	6020	0.000050	<b>0.000055</b>

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

Report Date: 10/1/2008 Page 5 of 8



AMERICAN WEST ANALYTICAL LABORATORIES  
463 West 3600 South  
Salt Lake City, Utah 84115  
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687  
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86630  
Project: Richardson Flat

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42643	Lead	mg/L	6020	0.1872	0.2	0	93.6	85-115				9/29/2008

Report Date: 10/1/2008 Page 6 of 8



AMERICAN WEST ANALYTICAL LABORATORIES  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86630  
Project: Richardson Flat

Dept: ME

SampType: LCSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCSD-42643	Lead	mg/L	6020	0.1896	0.2	0	94.8	85-115	1.23	20		9/29/2008

LCSD-42643: Insufficient sample mass/volume was received to perform MS/MSD analysis. An LCSD was added to provide precision data.



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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86630  
Project: Richardson Flat

Dept: ME

SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42643	Lead	mg/L	6020	< 0.00010				-				9/29/2008

Report Date: 10/1/2008 Page 8 of 8

# American West Analytical Labs

## WORK ORDER Summary

29-Sep-08

Work Order L86630

Client ID: UNI100

QC Level: 2+

Project: Richardson Flat

Location:

Contact: Kerry Gee

Comments: QCLevel:2+; E-mail two people.

*HKS*

*DB*

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86630-01A	RFA-D8 (730 liters)	9/17/2008	9/29/2008	10/13/2008	Filter	3051A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1
L86630-02A	RFA-3 (766 liters)			10/13/2008		3051A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1
L86630-03A	RFA-1 (710 liters)			10/13/2008		3051A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1
L86630-04A	RFT-A1 (770 liters)			10/13/2008		3051A-ICPMS	desicator	1
				10/13/2008		6020-S	desicator	1

# RMC

## Laboratory Services Request Form

86620

<b>I. CLIENT INFORMATION</b>				<b>SEND REQUESTS TO:</b>	
Client Name: <u>UNITED PARK CITY MINES</u>				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
<b>II. ACCOUNT INFORMATION</b>				<b>Patrick Noteboom</b> <b>Phone # (801) 750-2585</b> <b>Fax (801)-263-8687</b>	
Account Name: <u>Richardson Flt</u>					
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>					
<b>TAT:</b> <u>Standard</u>				<b>P.O. No:</b> <u>Richardson Flt</u>	
<b>III. REPORT INSTRUCTIONS</b>					
Report Results To: <u>KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266</u>					
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <input checked="" type="checkbox"/> US Mail ( X ) <input type="checkbox"/> Fed Ex ( ) <input type="checkbox"/> Fax ( X ) <input type="checkbox"/> Other <u>Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
<b>IV. TYPE OF SERVICE REQUESTED</b>					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	<u>RFA-P4 (730 liters)</u>	<u>9/17/08</u>	<u>1</u>	<u>Lead</u>	
	<u>RFA-3 (766 liters)</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
	<u>RFA-1 (710 liters)</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
	<u>RFT-A1 (770 liters)</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
notes: _____					
<b>V. CHAIN OF CUSTODY RECORD</b>					
Dispatched by: _____		Date _____	Time _____	Courier Co. Name _____	
Relinquished by: <u>[Signature]</u>		Date <u>9-29-08</u>	Time <u>12:30</u>	Airbill # _____	
Received by: _____		Date _____	Time _____	Custody Seal Intact? _____	
Received for lab by: <u>Denise Brun</u>		Date <u>9/29/08</u>	Time <u>12:30</u>	Yes	No

24.8°

86630

DT

Discrepancies Between Labels and COC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Notes:		

DB

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) **Do Not** dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

October 06, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

463 West 3600 South  
Salt Lake City, Utah  
84115

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson

Lab Set ID: L86672

Dear Kerry Gee:

American West Analytical Labs received 3 samples on 9/30/2008 for the analyses presented in the following report.

(801) 263-8686

Toll Free (888) 263-8686

Fax (801) 263-8687

e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross  
Laboratory Director

Thank you.

Jose Rocha  
QA Officer

Approved by:

Laboratory Director or designee



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687  
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

---

<b>CLIENT:</b>	United Park City Mines Co.	<b>Contact:</b>	Kerry Gee
<b>Lab Order:</b>	L86672		
<b>Project:</b>	Richardson	<b>Date Received:</b>	9/30/2008

---

## Lead

Lab Sample ID	Sample ID	Date Sampled	Date Analyzed	Method Used	Units	Reporting Limits	Analytical Result
L86672-01A	SL-13E	9/30/2008	10/2/2008 6:43:00 PM	6010B	mg/kg-dry	5.5	160 <sup>2</sup>
<sup>2</sup> - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.							
L86672-02A	SDD-12	9/30/2008	10/2/2008 6:59:00 PM	6010B	mg/kg-dry	7.6	97
L86672-03A	SL-5013E	9/30/2008	10/2/2008 7:03:00 PM	6010B	mg/kg-dry	5.4	48



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86672  
Project: Richardson

Dept: ME

SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42691	Lead	mg/kg	6010B	21.18	20	0.1464	105	75-125				10/2/2008



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86672  
Project: Richardson

Dept: ME  
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42691	Lead	mg/kg	6010B	< 5.0				-				10/2/2008



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86672  
Project: Richardson

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86672-01AMS	Lead	mg/kg-dry	6010B	85.75	22.06	160.4	-338	75-125			<sup>2</sup>	10/2/2008

<sup>2</sup> - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86672  
Project: Richardson

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86672-01AMSD	Lead	mg/kg-dry	6010B	109.0	21.56	160.4	-238	75-125	23.8	20	<sup>2</sup>	10/2/2008

<sup>2</sup> - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

# American West Analytical Labs

## WORK ORDER Summary

30-Sep-08

Work Order L86672

Client ID: UNI100

QC Level: 2+

Project: Richardson

Location:

Contact: Kerry Gee

Comments: QCLevel: 2+.

HOK-DB

SP

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86672-01A	SL-13E	9/30/2008	9/30/2008	10/14/2008	Soil	3051A-ICPMS	sept 30 - metals	1
				10/14/2008		ICP-S	sept 30 - metals	1
				10/14/2008		PMOIST	sept 30 - metals	1
L86672-02A	SDD-12			10/14/2008		3051A-ICPMS	sept 30 - metals	1
				10/14/2008		ICP-S	sept 30 - metals	1
				10/14/2008		PMOIST	sept 30 - metals	1
L86672-03A	SL-5013E			10/14/2008		3051A-ICPMS	sept 30 - metals	1
				10/14/2008		ICP-S	sept 30 - metals	1
				10/14/2008		PMOIST	sept 30 - metals	1

LABORATORY USE ONLY	
SAMPLES WERE:	
1 Shipped or hand delivered	Notes:
2 Ambient or Chilled	Notes:
3 Temperature 26.0°	
4 Received Broken/Leaking (Improperly Sealed)	
Y (N)	Notes:
5 Properly Preserved	
Y (N)	Notes:
6 Received Within Holding Times	
Y (N)	Notes:

# Laboratory Services Request Form

86672

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>United Park City Mines</u>		American West			
Client Address: <u>[REDACTED]</u>		Analytical Laboratories			
Client Phone: <u>[REDACTED]</u>		463 W. 3600 South			
Client Fax: <u>[REDACTED]</u>		Salt Lake City, UT 84115			
II. ACCOUNT INFORMATION					
Account Name: <u>[REDACTED]</u>		Patrick Noteboom			
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>		Phone # (801) 750-2585			
TAT: <u>[REDACTED] Standard</u>		P.O. No: <u>Richardson Flat</u>		Fax (801)-263-8687	
III. REPORT INSTRUCTIONS					
Report Results To: <u>TODD LEEDS - RMC FAX-255-3266</u>					
Report Address: <u>TODD LEEDS, RMC, 8138 S. STATE ST., STE. 2A, MIDVALE, UT 84047</u>					
Please Forward Results By: <u>US Mail (X) Fed Ex ( ) Fax ( ) Other Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	SL-13E	9-30-08	1	[REDACTED] Pb	
	SDD-12	↓	↓		
	SL-5013E	↓	↓		
notes: <u>Lowest available detection limit for all analytes</u>					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: <u>[Signature]</u>		Date <u>9-30-08</u>	Time <u>16:10</u>	Courier Co. Name	
Relinquished by: <u>[Signature]</u>		Date <u>9-30-08</u>	Time <u>16:10</u>	Airbill #	
Received by: <u>[Signature]</u>		Date <u>9/30/08</u>	Time <u>16:10</u>	Custody Seal Intact?	
Received for lab by: <u>Denise Bruen</u>		Date <u>9/30/08</u>	Time <u>16:10</u>	Yes <u>    </u> No <u>    </u>	

 $26^\circ$



**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

October 13, 2008

Kerry Gee  
United Park City Mines Co.  
PO Box 1450  
Park City, UT 84060

463 West 3600 South  
Salt Lake City, Utah  
84115

TEL: (435) 608-0954

FAX: (435) 615-1239

RE: Richardson Flat

Lab Set ID: L86891

Dear Kerry Gee:

American West Analytical Labs received 2 samples on 10/9/2008 for the analyses presented in the following report.

(801) 263-8686

Toll Free (888) 263-8686

Fax (801) 263-8687

e-mail: awal@awal-labs.com

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross  
Laboratory Director

Thank you.

Jose Rocha  
QA Officer

Approved by:

Laboratory Director or designee

Report Date: 10/13/2008 Page 1 of 7



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86891-01A  
Field Sample ID: **SD-SDD-24**  
Collected: 10/7/2008  
Received: 10/9/2008

### **TOTAL METALS**

Analytical Results	Units	Date	Method	Reporting	Analytical
		Analyzed	Used	Limit	Results
463 West 3600 South Salt Lake City, Utah 84115	mg/kg-dry	10/10/2008 4:46:00 PM	6010B	5.6	<b>8.7</b> <sup>1</sup>

<sup>1</sup> - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



## INORGANIC ANALYSIS REPORT

Client: United Park City Mines Co.  
Project ID: Richardson Flat

Contact: Kerry Gee

**AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES**

Lab Sample ID: L86891-02A  
Field Sample ID: **SD-SDD-5024**  
Collected: 10/7/2008  
Received: 10/9/2008

### **TOTAL METALS**

463 West 3600 South  
Salt Lake City, Utah  
84115

<b>Analytical Results</b>	<b>Units</b>	<b>Date Analyzed</b>	<b>Method Used</b>	<b>Reporting Limit</b>	<b>Analytical Results</b>
Lead	mg/kg-dry	10/10/2008 5:01:00 PM	6010B	5.3	<b>6.3</b>

(801) 263-8686  
Toll Free (888) 263-8686  
Fax (801) 263-8687  
e-mail: awal@awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer



# AMERICAN WEST ANALYTICAL LABORATORIES

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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86891  
Project: Richardson Flat

Dept: ME  
SampType: LCS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
LCS-42874	Lead	mg/kg	6010B	20.47	20	0.3588	101	75-125				10/10/2008



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South  
Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86891  
Project: Richardson Flat

Dept: ME  
SampType: MBLK

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
MB-42874	Lead	mg/kg	6010B	< 5.0				-				10/10/2008



AMERICAN WEST ANALYTICAL LABORATORIES  
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Salt Lake City, Utah 84115  
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e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.  
Work Order: L86891  
Project: Richardson Flat

Dept: ME

SampType: MS

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86891-01AMS	Lead	mg/kg-dry	6010B	6.231	21.92	8.656	-11.1	75-125			<sup>1</sup>	10/10/2008

<sup>1</sup> - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.



# AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South

Salt Lake City, Utah 84115

(801) 263-8686, Toll Free (888) 263-8686, Fax (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

## QC SUMMARY REPORT

CLIENT: United Park City Mines Co.

Work Order: L86891

Project: Richardson Flat

Dept: ME

SampType: MSD

Sample ID	Analyte	Units	Method	Result	Amount Spiked	Original Amount	%REC	Limits	%RPD	RPD Limit	Qualifiers	Analysis Date
L86891-01AMSD	Lead	mg/kg-dry	6010B	5.524	21.77	8.656	-14.4	75-125	12.0	20	<sup>1</sup>	10/10/2008

<sup>1</sup> - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

**REVISED**  
10-10-08 DB

**RUSH**

**American West Analytical Labs**

**WORK ORDER Summary**

Next Day Rush  
Added

10-Oct-08

**Work Order L86891**

**Client ID:** UNI100

**QC Level:** 2+

**Project:** Richardson Flat

**Location:**

**Contact:** Kerry Gee

**Comments:** Next Day Rush added 10-10-08 per Dan Dean. QCLevel: 2+. E-mail two people.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86891-01A	SD-SDD-24	10/7/2008	10/9/2008	10/13/2008	Soil	3051A-ICPMS	oct 9 - metals	1
				10/13/2008		ICP-S	oct 9 - metals	1
				10/13/2008		PMOIST	oct 9 - metals	1
L86891-02A	SD-SDD-5024			10/13/2008		3051A-ICPMS	oct 9 - metals	1
				10/13/2008		ICP-S	oct 9 - metals	1
				10/13/2008		PMOIST	oct 9 - metals	1

# American West Analytical Labs

## WORK ORDER Summary

09-Oct-08

Work Order L86891

Client ID: UNI100

QC Level: 2+

Project: Richardson Flat

Location: *Hand*

Contact: Kerry Gee

Comments: QCLevel: 2+. E-mail two people.

*HLSP*

*DB*

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Storage	
L86891-01A	SD-SDD-24	10/7/2008	10/9/2008	10/23/2008	Soil	3051A-ICPMS	oct 9 - metals	1
				10/23/2008		ICP-S	oct 9 - metals	1
				10/23/2008		PMOIST	oct 9 - metals	1
L86891-02A	SD-SDD-5024			10/23/2008		3051A-ICPMS	oct 9 - metals	1
				10/23/2008		ICP-S	oct 9 - metals	1
				10/23/2008		PMOIST	oct 9 - metals	1

# RMC

## Laboratory Services Request Form

86891

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				<b>American West</b> <b>Analytical Laboratories</b> <b>463 W. 3600 South</b> <b>Salt Lake City, UT</b> <b>84115</b>	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
II. ACCOUNT INFORMATION					
Account Name: _____				Patrick Noteboom	
Sample Questions- <u>Todd Leeds RMC- 801-255-2626</u>				Phone # (801) 750-2585	
TAT: <u>Standard</u> <u>Next Day Rush</u> <u>added 10/10/08</u> <u>per Dan Bean</u> P.O. No: <u>Richardson Flat</u>				Fax (801)-263-8687	
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND TODD LEEDS - RMC FAX-255-3266</u>					
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND TODD LEEDS, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <u>US Mail (X)</u> <u>Fed Ex ( )</u> <u>Fax (X )</u> <u>Othe Todd@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	<u>SD-SDD- 24</u>	<u>10-7-2008</u>	<u>1</u>	<u>Pb</u>	
	<u>SD-SDD- 5024</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	
notes: _____					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: _____		Date _____	Time _____	Courier Co. Name _____	
Relinquished by: <u>[Signature]</u>		Date <u>10-9-08</u>	Time <u>13:42</u>		
Received by: _____		Date _____	Time _____	Airbill # _____	
Received for lab by: <u>Denise Brown</u>		Date <u>10-9-08</u>	Time <u>13:42</u>	Custody Seal Intact?	
				Yes	No

8689

— 124 —

— 124 —

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) **Do Not** dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request

## Denise Bruun

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**From:** Lynn Turner  
**Sent:** Friday, October 10, 2008 8:16 AM  
**To:** Elona Hayward; Denise Bruun; Sami Broadhead  
**Cc:** Rebekah Winkler; Kyle Gross  
**Subject:** AWAL Set # 86891 (RMC - United Park City Mines)

Dan Dean just called. He needs this on a RUSH. I told him it would probably be Monday before it would be out. Can you all make the changes? Thanks much!

### **American West Analytical Labs**

801.263.8686 Fax 801.263.8687

[www.awal-labs.com](http://www.awal-labs.com)

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